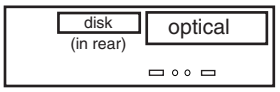
ThinkCentre® A70 Small (7844) - TopSeller (Windows 7)

Name	Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	SATA disk	SATA optical	Graphics	Win7 preload	Global Educ	Avail date
A70	7844-D4U	4x2	Celeron E3300	2.50	1MB	2	1GB	320GB[2]	DVD	GMA	Pro 32	None	Aug 10
A70	7844-C1U	4x2	Pentium E5500	2.80	2MB	2	2GB	320GB	DVD±RW	GMA	Pro 32	None	Aug 10
A70	7844-B4U	4x2	Core 2 Duo E7500	2.93	3MB	2	2GB	320GB	DVD±RW	GMA	Pro 32	None	Aug 10
☞ **A70**	7844-P9U	4x2	Celeron E3400	2.60	1MB	2	2GB	320GB	DVD±RW	GMA	Pro 64	None	Mar 11
☞ **A70**	7844-P8U	4x2	Pentium E5800	3.20	2MB	2	*4GB*	320GB	DVD±RW	GMA	Pro 64	None	Mar 11
☞ **A70**	7844-P7U	4x2	Core 2 Duo E7500	2.93	3MB	2	*4GB*	500GB	DVD±RW	GMA	Pro 64	None	Mar 11

- ***These small and medium business (SMB) models are part of the US TopSeller™ Program***
- ***These models have a 1-year limited warranty[1]***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Quality, reliability, and security for small/medium businesses*
Processor	**Intel® Celeron® Processor E3300** or **E3400** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Pentium® Processor E5500** or **E5800** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core**, 1066MHz system bus, and 3MB L2 cache
Implementation	Processor in LGA775 socket
Memory	**1GB**, **2GB**, or **4GB std**, 4GB max[8], **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 240-pin DIMM sockets; *Italics:* standard memory in both sockets; no sockets avail; *Non-italics:* standard memory in one socket; one socket available
Graphics	**Intel Graphics Media Accelerator X4500 (GMA X4500)**, integrated graphics in G41, uses main memory (up to 253MB *[1GB models]*, 765MB *[2GB models]*, or 1759MB *[4GB models]*), one analog VGA DB-15 connector, DirectX® 10, supports dual independent display with optional ADD2 adapter
SATA disk	**320GB** or **500GB**, SATA 3.0Gb/s 7200 rpm, vibration dampening mounts
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7
SATA DVD	*Some:* DVD-ROM DL SATA 1.5Gb/s 16-48X Max[4] Drive
SATA DVD±RW	*Some:* Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), three SATA connectors on planar
eSATA port	None
Diskette drive	None
Media reader	None
Chipset	**Intel G41 Express Chipset** (PCI Express® x16), I/O Controller Hub 7 [ICH7] (SATA 3.0Gb/s, PCI Express x1, PCI 2.3, USB, LPC bus)
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, serial (9-pin), ethernet (RJ-45), monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
Speaker	None
IEEE 1394	None
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL
Intel AMT	None
Modem	None
Security chip	None
Keyboard	Lenovo Slim USB Keyboard (USB connector), black, Lenovo® logo
Mouse	Optical Wheel Mouse (USB connector), 400 dpi, black, Lenovo logo
Power supply	180 watts, universal, manual switch

Small



Bay ① 5.25", 1.6" high, access, std optical
Bay ② 3.5", 1" high, no access, std disk

Slot 1: Low Profile, PCI Express x16 (45w max)
Slot 2: Low Profile, PCI Express x1
Slot 3: Low Profile, PCI Express x1
Slot 4: Low Profile, 32-bit PCI 2.3

- Business black color; metal case
- 13.1" W X 14.5" D X 3.8" H
- 333mm W X 368mm D X 97mm H
- 14.3 lb (6.5 kg) in maximum configuration
- Highlighted optical drive button for easy access
- System floor stand for vertical orientation

Security

- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® Microsaver® cable)
- Power-on password
- Boot sequence control
- Serial port I/O control
- USB port disablement

Supports ThinkVantage® technologies

RoHS-compliant

Preloaded operating system[20]

- *Some:* Genuine Windows® 7 Professional 32
- *Some:* Genuine Windows 7 Professional 64

Preloaded applications[5] (all OSes; only some listed)

- Rescue and Recovery™
- Password Manager
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Toolbox
- Norton™ Internet Security 2011 (30 days of virus definitions)
- Adobe® Reader®
- Adobe Flash® Player
- Skype™ for Windows
- Microsoft Office 2010 preloaded; purchase product key to activate
- Corel® Burn.Now™ (DVD±RW)
- Corel DVD MovieFactory® (DVD±RW)

Accessories

1GB PC3-8500 DDR3 UDIMM	45J5434
2GB PC3-8500 DDR3 UDIMM	45J5435
DVD-ROM DL SATA 1.5Gb/s 16-48X Max	41N5618
Super Multi-Burner DL DVD±RW SATA Drive	41N5620
DisplayPort™ to Single-link DVI-D Cable	45J7915
DisplayPort to VGA Monitor Cable	57Y4393
ADD2 DVI-D Monitor Connection (HDCP)	43R1985
NVIDIA® GeForce® 310 512MB (DP, VGA)	57Y4397
NVIDIA Quadro® 512MB FX 380 LP (DP,DVI)	57Y4396

More accessories on O-A70 sheet

Acc Guide in pdf **lenovo.com**/accessoriesguide
Other accessories at **lenovo.com**/accessories

Limited Warranty[1]

- ➪ **1-year parts and labor**
- ➪ **International Warranty Service**[9]
- ➪ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ➪ **Onsite service upgrade options (in eligible locations):**[7]
  - **1-year LOR 9x5, 4 hour response** (ThinkPlus™ part number 45K5951)
  - **2-year LOR 9x5, Next Business Day** (ThinkPlus part number 45K5949)
  - **2-year LOR 9x5, 4 hour response** (ThinkPlus part number 45K5952)
  - **3-year LOR 9x5, Next Business Day** (ThinkPlus part number 45K5950)
  - **3-year LOR 9x5, 4 hour response** (ThinkPlus part number 45K5953)
- ➪ **ThinkPlus services at lenovo.com**/thinkplus/warranty
- ➪ **Post warranty maintenance services available**
- ➪ **24 hour x 7 day**[14] **toll-free support during the warranty period**[1] **via 800-426-7378**

See footnotes for important warranty information

☞ US models announced February 8, 2011; previous models on August 3, 2010

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